

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-128651

(43)Date of publication of application : 08.05.2003

(51)Int.Cl.

C07D209/86
C07D265/38
C07D279/22
C07D279/26
C07D401/10
C09K 11/06
H05B 33/14
H05B 33/22

(21)Application number : 2001-317783

(71)Applicant : MITSUI CHEMICALS INC

(22)Date of filing : 16.10.2001

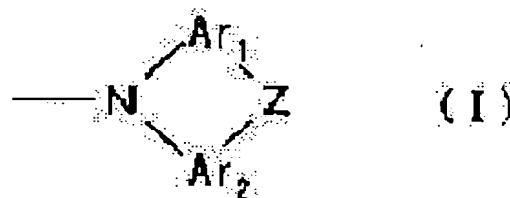
(72)Inventor : ISHIDA TSUTOMU
SHIMAMURA TAKEHIKO
TANABE YOSHIMITSU
TOTANI YOSHIYUKI
NAKATSUKA MASAKATSU

(54) HYDROCARBON COMPOUND, MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an organic electroluminescent element which has excellent emitting efficiency and emits light at high intensity, and also to provide a new hydrocarbon compound which is preferably used for the electroluminescent element.

SOLUTION: This organic electroluminescent element includes between a pair of electrodes, at least one layer containing at least one hydrocarbon compound in which anthracene and fluorene rings which have respective groups having formula (I) [wherein, Ar1 and Ar2 are substituted or unsubstituted arylene group; and Z is a coupling group] are directly bonded to each other. This hydrocarbon compound is a compound in which anthracene and fluorene rings which have respective groups represented by formula (I) [wherein, Ar1 and Ar2 are each a substituted or unsubstituted arylene group; and Z is a coupling group] are directly bonded to each other.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

BEST AVAILABLE COPY